

IN THE CLAIMS

As set forth below, please amend claims 3 and 27 as follows and cancel claims 1, 2, 4-29, 31-111.

*to enter
11/10/04*

1. (Cancelled)
2. (Cancelled)
3. (Currently Amended) A transgenic fly whose genome comprises a DNA sequence encoding a polypeptide comprising the Abeta portion of human APP wherein said DNA sequence encodes Abeta42 (SEQ ID NO: 2), fused to a signal sequence, said DNA sequence operably linked to an eye-specific promoter GMR sequence; and expressing said DNA sequence, wherein expression of said DNA sequence results in said fly displaying a ~~The transgenic fly of claim 2 wherein said expression of said DNA sequence results in said fly displaying the "rough eye" phenotype.~~
4. (Cancelled)
5. (Cancelled)
6. (Cancelled)
7. (Cancelled)
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24. (Cancelled)
25. (Cancelled)
26. (Cancelled)